

From: [Moore, Gary](#)
To: [Rauscher, Jon](#)
Cc: [Villarreal, Chris](#)
Subject: Re: CES (Assistance Needed)
Date: Friday, February 06, 2015 11:19:44 AM
Attachments: [Soil to GW Risk Based Screening Levels 020615.xlsx](#)

Jon:

I looked again at the RSL tables and I made my own table from those tables (cut and paste) from the Soil to GW. I would like you to give me some advice for the storm water/spill into the neighborhood and the use of the data in the table if appropriate. I realize this table is for long term exposures rather than short term exposures.

If I were to compare my data to the Long Term Exposure (Carcinogenic SL and the Non-carcinogenic SL child) would that be appropriate or should I use a Short Term Exposure (Acute) using a calculated 10-4 and/or HI=3. Of course, I don't know how to calculate the HI=3 numbers.

See the table.

Thanks

Gary Moore

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From: Moore, Gary

Sent: Tuesday, January 27, 2015 2:19 PM

To: Rauscher, Jon

Cc: Villarreal, Chris

Subject: Re: CES

Jon:

Any chance someone can recalculate these using the current numbers so that I can use it as a comparison values.

Thanks

Gary Moore

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From: Rauscher, Jon

Sent: Friday, January 23, 2015 4:12 PM

To: Moore, Gary

Cc: Villarreal, Chris

Subject: FW: CES

I have attached the table that was used during Hurricane Katrina for incidental ingestion. The

excel spreadsheet should work but the toxicity values would need to be checked to see if they had been updated.

From: Rauscher, Jon

Sent: Friday, January 23, 2015 4:07 PM

To: Moore, Gary

Subject: RE: CES

Gary,

The scenario that you described would require to calculate a water RSL. None of the RSLs fit the scenario. During the BP Spill and Hurricane Katrina, water screening levels were calculated.

Thanks, Jon

From: Moore, Gary

Sent: Friday, January 23, 2015 3:14 PM

To: Rauscher, Jon

Subject: CES

Jon:

Is it appropriate to use the soil RSLs for the following or does it require us to calculate a water RSL for the senario I describe below. I am trying to finalize the report but I don't know exactly what ot compare the lab analyses against. This is the situation:

Chemicals spill that is carried into residential storm drains by stormwater. What would be the Risk Screening Level for the public contacting the diluted chemicals in the stormwater. My assumption is that the exposure would be possible dermal (getting in the water), inhalation (odors from the release), and ingestion (getting in the water).

Thanks

Gary Moore

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